

0590  
0930

# 6



OIKE

## RAW SEQUENCE LISTING

DATE: 10/01/2002

PATENT APPLICATION: US/10/010,729

TIME: 16:56:43

Input Set : A:\1199-1-005CIP2 SEQ LIST.TXT

Output Set: N:\CRF4\10012002\J010729.raw

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4 <110> APPLICANT: Rodriguez, Moses  
 5 Miller, David J.  
 6 Pease, Larry R.  
 8 <120> TITLE OF INVENTION: Human IgM Antibodies and Diagnostic and  
 9 Therapeutic Uses Thereof Particularly in the Central Nervous  
 10 System  
 12 <130> FILE REFERENCE: 1199-1-005CIP2  
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 47 tgcaaggctt ctggttacac cttcacaagc tacgatataa actgggtgaa gcagaggcct 180  
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ENTERED

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91 ttgacctgca aggccagtga gaatgtgggt acttatgttt cctgggtatca acagaaacca 180
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93 cgcttcacag gcagtggatc tgcaacagat ttactctga ccatcagcag tgtgcaggct 300
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105 gtcagtctca cttgtcgggc aagtcaggac attggtagta gcttaactg gcttcagcag 180
106 gaaccagatg gaactattaa acgcctgac tacgccacat ccagtttaga ttctgggtg 240
107 cccaaaagggt tcagtggcag taggtctggg tcagattatt ctctcaccat cagcagcctt 300
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121 cgcttctactg gcagtggatc tgggacggat ttactttca ccatcagcag tgtgcaggct 300
122 gaagacctgg cagtttatta ctgtcagcaa cattatacta ctccgctcac gttcgggtgct 360
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133 Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Ser

134 20 25 30

135 Gly Met His Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val

136 35 40 45

137 Ala Val Ile Ser Tyr Asp Gly Ser Arg Lys Tyr Tyr Ala Asp Ser Val

138 50 55 60

139 Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr

140 65 70 75 80

141 Leu Gln Met Asn Ser Leu Thr Ala Asp Asp Thr Ala Val Tyr Tyr Cys

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143 Ala Lys Gly Val Thr Gly Ser Pro Thr Leu Asp Tyr Trp Gly Gln Gly

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146 115

149 &lt;210&gt; SEQ ID NO: 8

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152 &lt;213&gt; ORGANISM: Homo sapiens

154 &lt;400&gt; SEQUENCE: 8

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156 tcctgtgcag cctctggatt caccttcagt agctatggca tgcactgggt ccgccaggct 120

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158 gcagactccg tgaagggccg attcaccatc tccagagaca attccaagaa cacgctgtat 240

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163 &lt;211&gt; LENGTH: 114

164 &lt;212&gt; TYPE: PRT

165 &lt;213&gt; ORGANISM: Homo sapiens

167 &lt;400&gt; SEQUENCE: 9

168 Gln Ser Val Leu Thr Gln Pro Pro Ser Val Ser Ala Ala Pro Gly Gln

169 1 5 10 15

170 Lys Val Thr Ile Ser Cys Ser Gly Ser Ser Ser Asn Ile Gly Asn Asn

171 20 25 30

172 Phe Val Ser Trp Tyr Gln Gln Leu Pro Gly Thr Ala Pro Arg Leu Leu

173 35 40 45

174 Ile Tyr Asp Ile Thr Lys Arg Pro Ser Gly Ile Pro Asp Arg Phe Ser

175 50 55 60

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177 65              70              75              80
178 Thr Gly Asp Glu Ala Asp Tyr Tyr Cys Gly Thr Trp Asp Ser Ser Leu
179              85              90              95
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181              100              105              110
182 Pro Lys
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194 ccaggaacag cccccaacac cctcatttat gacaataata agcgaccctc agggattcct 180
195 gaccgattct ctggctccaa gtctggcacg tcagccaccc tgggcatcac cggactccag 240
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208              20              25              30
209 Tyr Trp Ser Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp Ile
210              35              40              45
211 Gly Tyr Ile Tyr Tyr Ser Gly Ser Thr Asn Tyr Asn Pro Ser Leu Lys
212              50              55              60
213 Ser Arg Val Thr Ile Ser Val Asp Thr Ser Lys Asn Gln Phe Ser Leu
214 65              70              75              80
215 Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys Ala
216              85              90              95
217 Arg Ser Ala Gln Gln Gln Leu Val Tyr Tyr Phe Asp Tyr Trp Gly Gln
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231 ccaggaagg gactggagtg gattgggtat atctattaca gtgggagcac caactacaac 180
232 cctccctca agagtcgagt caccatatca gtagacacgt ccaagaacab ccagttctcc 240
233 ctgaagctga gctctgtgac cgctgcggac acggccabcg tgtattactg tgcgaggtcg 300

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Output Set: N:\CRF4\10012002\J010729.raw

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235 ctccctcaggg                                     370
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245 Glu Arg Ala Thr Ile Asn Cys Lys Ser Ser Gln Ser Val Leu Tyr Ser
246 20 25 30
247 Ser Asn Asn Lys Asn Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln
248 35 40 45
249 Pro Pro Lys Leu Leu Ile Tyr Trp Ala Ser Thr Arg Glu Ser Gly Val
250 50 55 60
251 Pro Asp Arg Phe Ser Gly Thr Ser Gly Thr Asp Phe Thr Leu Thr
252 65 70 75 80
253 Ile Ser Ser Leu Gln Ala Glu Asp Val Ala Val Tyr Tyr Cys Gln Gln
254 85 90 95
255 Tyr Tyr Ser Thr Pro Leu Thr Phe Gly Pro Gly Thr Lys Val Asp Ile
256 100 105 110
257 Lys Arg Thr Val Ala Ala Pro
258 115
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270 gaatccgggg tcctgaccg attcagtggc agcgggtctg ggacagattt cactctcacc 240
271 atcagcagcc tgcaggctga agatgtggca gtttattact gtcagcaata ttatagtact 300
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284 Gly Lys Gly Leu Glu Trp Val Ala Val Ile Trp Tyr Asp Gly Ser Asp
285 35 40 45
286 Lys Tyr Tyr Val Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp
287 50 55 60
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289 65 70 75 80

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**VERIFICATION SUMMARY**

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